



QUALCOMM Incorporated

5775 Morehouse Drive  
San Diego, CA 92121-1714

[www.qualcomm.com](http://www.qualcomm.com)

Via Email  
July 1, 2008

Thomas Goode, ATIS General Counsel  
Jean Paul Emard, Director, Industry Forums  
1200 G. Street, NW  
Suite 500  
Washington, DC 20005

RE: Letter of Assurance on behalf of QUALCOMM Incorporated for ATIS deliverables  
transposed from 3GPP specifications  
Contributions made to Wireless Technologies and Systems Committee (WTSC) Committee

Dear Sirs:

QUALCOMM has participated in the activities of 3GPP. Per the ATIS Operating Procedures, Version 4.0 dated January 3, 2006, there is no objection to the inclusion of patented technology into a standard and disclosure of such technology is encouraged. In accord, please note that QUALCOMM may have intellectual property underlying a contribution made through the Wireless Technologies and Systems Committee (WTSC) Committee for 3GPP specifications that, if adopted by ATIS, could be essential to the practice of the ATIS-developed National Standard ("ANS") or other ATIS deliverable.

This letter sets forth QUALCOMM's licensing commitment for the above-referenced contributions. QUALCOMM will make a license available, on the basis of applicant reciprocity, under reasonable terms and conditions that are demonstrably free of any unfair discrimination to applicants desiring to utilize the license for the purpose of implementing the transposed 3GPP- ATIS Deliverable.

Please confirm acceptance of this Letter of Assurance at your earliest convenience via return email to Stephanie F. Young, Senior Manager, IP Administration at [syoung@qualcomm.com](mailto:syoung@qualcomm.com). If you require any additional information, do not hesitate to contact me directly at 858-651-6732 or via email at [trouse@qualcomm.com](mailto:trouse@qualcomm.com).

Sincerely,

Thomas Rouse  
VP, Chief Patent Counsel  
QUALCOMM Incorporated



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5775 Morehouse Drive  
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Jean Paul Emard, Director, Industry Forums  
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Suite 500  
Washington, DC 20005

RE: Letter of Assurance on behalf of QUALCOMM Incorporated for ATIS deliverables  
transposed from 3GPP specifications  
Contributions made to Network Performance, Reliability and Quality of Service Committee (PRQC)  
Committee

Dear Sirs:

QUALCOMM has participated in the activities of 3GPP. Per the ATIS Operating Procedures, Version 4.0 dated January 3, 2006, there is no objection to the inclusion of patented technology into a standard and disclosure of such technology is encouraged. In accord, please note that QUALCOMM may have intellectual property underlying a contribution made through the Network Performance, Reliability and Quality of Service Committee (PRQC) Committee for 3GPP specifications that, if adopted by ATIS, could be essential to the practice of the ATIS-developed National Standard ("ANS") or other ATIS deliverable.

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Sincerely,

A handwritten signature in black ink, appearing to read "TRouse", with a long horizontal line extending to the right.

Thomas Rouse  
VP, Chief Patent Counsel  
QUALCOMM Incorporated



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July 1, 2008

Thomas Goode, ATIS General Counsel  
Jean Paul Emard, Director, Industry Forums  
1200 G. Street, NW  
Suite 500  
Washington, DC 20005

RE: Letter of Assurance on behalf of QUALCOMM Incorporated for ATIS deliverables  
transposed from 3GPP specifications  
Contributions made to Packet Technologies and Systems Committee (PTSC) Committee

Dear Sirs:

QUALCOMM has participated in the activities of 3GPP. Per the ATIS Operating Procedures, Version 4.0 dated January 3, 2006, there is no objection to the inclusion of patented technology into a standard and disclosure of such technology is encouraged. In accord, please note that QUALCOMM may have intellectual property underlying a contribution made through the Packet Technologies and Systems Committee (PTSC) Committee for 3GPP specifications that, if adopted by ATIS, could be essential to the practice of the ATIS-developed National Standard ("ANS") or other ATIS deliverable.

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Sincerely,

A handwritten signature in black ink, appearing to read 'TR', with a long, sweeping horizontal line extending to the right.

Thomas Rouse  
VP, Chief Patent Counsel  
QUALCOMM Incorporated



QUALCOMM Incorporated

5775 Morehouse Drive  
San Diego, CA 92121-1714

[www.qualcomm.com](http://www.qualcomm.com)

Via Email  
July 1, 2008

Thomas Goode, ATIS General Counsel  
Jean Paul Emard, Director, Industry Forums  
1200 G. Street, NW  
Suite 500  
Washington, DC 20005

RE: Letter of Assurance on behalf of QUALCOMM Incorporated for ATIS deliverables  
transposed from 3GPP specifications  
Contributions made to Emergency Services Interconnection Forum (ESIF) Committee

Dear Sirs:

QUALCOMM has participated in the activities of 3GPP. Per the ATIS Operating Procedures, Version 4.0 dated January 3, 2006, there is no objection to the inclusion of patented technology into a standard and disclosure of such technology is encouraged. In accord, please note that QUALCOMM may have intellectual property underlying a contribution made through the Emergency Services Interconnection Forum (ESIF) for 3GPP specifications that, if adopted by ATIS, could be essential to the practice of the ATIS-developed National Standard ("ANS") or other ATIS deliverable.

This letter sets forth QUALCOMM's licensing commitment for the above-referenced contributions. QUALCOMM will make a license available, on the basis of applicant reciprocity, under reasonable terms and conditions that are demonstrably free of any unfair discrimination to applicants desiring to utilize the license for the purpose of implementing the transposed 3GPP- ATIS Deliverable.

Please confirm acceptance of this Letter of Assurance at your earliest convenience via return email to Stephanie F. Young, Senior Manager, IP Administration at [syoung@qualcomm.com](mailto:syoung@qualcomm.com). If you require any additional information, do not hesitate to contact me directly at 858-651-6732 or via email at [trouse@qualcomm.com](mailto:trouse@qualcomm.com).

Sincerely,

A handwritten signature in black ink, appearing to read 'TRouse', written over a horizontal line.

Thomas Rouse  
VP, Chief Patent Counsel  
QUALCOMM Incorporated

**Tom Goode**

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**From:** Vuong, Karyn [kvuong@qualcomm.com]  
**Sent:** Wednesday, July 16, 2008 2:49 PM  
**To:** Tom Goode  
**Cc:** Gonell, Fabian; Rouse, Thomas; Young, Stephanie  
**Subject:** RE: ATIS declarations question

ATTN: Thomas Goode, ATIS General Counsel

**RE:** Letters of Assurance on behalf of QUALCOMM Incorporated for ATIS deliverables transposed from 3GPP specifications  
Contributions made to Emergency Services Interconnection Forum (ESIF); Technologies and Systems Committee (PTSC);  
Performance, Reliability and Quality of Service Committee (PRQC); and Wireless Technologies and Systems Committee (WTSC)

Dear Tom,

Thank you for your email. Our legal counsel has provided the following response to your question:

To the extent required, these declarations are intended to apply to all ATIS deliverables from these committees transposed from 3GPP specifications up to July 1, 2008.

If you have any questions or concerns, please contact Stephanie Young directly by email ([syoung@qualcomm.com](mailto:syoung@qualcomm.com)) or by telephone (858-658-4851). Thank you for your continued time and assistance.

Karyn Vuong  
Legal Specialist, Sr.  
Intellectual Property Group  
QUALCOMM Legal Department

QUALCOMM Incorporated  
5775 Morehouse Dr.  
San Diego, CA 92121

Location: AT-340E  
Phone: 1-858-658-2132

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8/11/2008

**From:** Tom Goode [mailto:tgoode@atis.org]  
**Sent:** Wednesday, July 02, 2008 9:55 AM  
**To:** Vuong, Karyn  
**Subject:** RE: ATIS declarations question

Karyn:

In reviewing the patent assurance forms, I noted that they do not specifically address a particular deliverable, but rather the deliverables of WTSC, PRQC, ESIF and PTSC transposed from 3GPP specifications. I have a follow up question and was wondering if I should direct this to you or to Ms. Young.

Essentially, I need to find out whether these assurances are intended to apply to every ATIS deliverable from these committees transposed from 3GPP specifications or just to certain standards.

Tom Goode  
202.321.3246

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**From:** Vuong, Karyn [mailto:kvuong@qualcomm.com]  
**Sent:** Wednesday, July 02, 2008 12:39 PM  
**To:** Tom Goode  
**Cc:** Young, Stephanie; Morgan, Jeanna  
**Subject:** RE: ATIS declarations question

Thank you, Tom. We will send you the originals by mail, as well.

Karyn Vuong  
Legal Specialist, Sr.  
Intellectual Property Group  
QUALCOMM Legal Department

QUALCOMM Incorporated  
5775 Morehouse Dr.  
San Diego, CA 92121

Location: AT-340E  
Phone: 1-858-658-2132

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**From:** Tom Goode [mailto:tgoode@atis.org]  
**Sent:** Wednesday, July 02, 2008 7:45 AM  
**To:** Vuong, Karyn  
**Subject:** RE: ATIS declarations question

Karyn:

Please feel free to send the originals via regular mail. I will work with the electronic copies for updating our

8/11/2008

records.

Tom

---

**From:** Vuong, Karyn [mailto:kvuong@qualcomm.com]  
**Sent:** Tuesday, July 01, 2008 3:54 PM  
**To:** Tom Goode  
**Cc:** Young, Stephanie; Morgan, Jeanna  
**Subject:** ATIS declarations question

ATTN: Thomas Goode, ATIS General Counsel

Dear Tom,

We are preparing to submit an ATIS declaration to you by email. Could you let us know if we should also submit the original to you by regular mail? Also, should we fax, too?

Thanks.

Karyn Vuong  
Legal Specialist, Sr.  
Intellectual Property Group  
QUALCOMM Legal Department

QUALCOMM Incorporated  
5775 Morehouse Dr.  
San Diego, CA 92121

Location: AT-340E  
Phone: 1-858-658-2132

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8/11/2008